

**EXHIBIT 7**

**Downtown Alley Sewer Replacment  
Between Park to Lafayette Ave. north of Broad St.  
Story City, Iowa  
Conceptual Cost Estimate**

Item No.	Description	Unit	Unit Price	Quantity	Amount
1	PCC Pavement Removal	SY	\$6.00	822	\$4,932.00
2	HMA/SealCoat Removal	SY	\$3.00	1,644	\$4,932.00
3	New Sanitary Sewer Manhole	EA	\$4,000.00	2	\$8,000.00
4	Connection to existing Sanitary Sewer	EA	\$1,000.00	2	\$2,000.00
5	12" Sanitary Sewer	LF	\$100.00	680	\$68,000.00
6	Sanitary Sewer Service Connections	EA	\$300.00	23	\$6,900.00
7	Sanitary Sewer Service Laterals	LF	\$40.00	345	\$13,800.00
8	Storm Sewer Manhole / Utility Access	EA	\$3,000.00	2	\$6,000.00
9	Storm Sewer Area Dains	EA	\$750.00	4	\$3,000.00
10	Reconnect Storm Sewer Tile	EA	\$200.00	20	\$4,000.00
11	Storm Sewer Tile	LF	\$30.00	300	\$9,000.00
12	18" RCP Storm Sewer	LF	\$50.00	680	\$34,000.00
13	Stabilization Rock	TON	\$18.00	120	\$2,160.00
14	Rock Backfill - Between Sanitary & Storm Sewer	TON	\$15.00	920	\$13,800.00
15	Subgrade Preparation	SY	\$3.00	2,467	\$7,401.00
16	6" PCC Alley Pavement	SY	\$30.00	2,467	\$74,010.00
17	ByPass Pumping	LS	\$30,000.00	1	\$30,000.00
18	Traffic Control	LS	\$2,500.00	1	\$2,500.00
19	Rock Surfacing	TON	\$19.00	100	\$1,900.00
20	Misc Seeding & Restoration	LS	\$2,500.00	1	\$2,500.00
21	Mobilization	LS	\$20,000.00	1	\$20,000.00
22	Misc. Construction & Contingencies (10%)				\$31,883.50
23	Engineering & Surveying (16%)				\$56,114.96
<b>Totals</b>					<b>\$406,833.46</b>

Prepared by  
Clapsaddle-Garber Associates, Inc.  
Marshalltown, Iowa

23-Jun-09

## EXHIBIT 7

## Story City Storm Water Study

Story City, Iowa

Project No. 8638

Engineer's Opinion of Probable Cost

Area No. 2 - Ditch on East side of Hillcrest Dr.

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	BASE BID	TOTAL
1	REMOVE STORM SEWER PIPE < 36"	LF	\$14.00	150.0	\$2,100.00
2	EXCAVATION, CLASS 13, BORROW	CY	\$1,000.00	9.0	\$9,000.00
3	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	\$5.00	200.0	\$1,000.00
4	FACTORY TEE, 42" X 36" CMP	EA	\$1,100.00	2.0	\$2,200.00
5	SEWER PIPE, 2000D STORM, 42"	LF	\$96.00	225.0	\$21,600.00
6	SEWER PIPE, 2000D STORM, 24"	LF	\$52.00	50.0	\$2,600.00
7	APRON, CONCRETE, 42" DIA.	EA	\$935.00	1.0	\$935.00
8	GRANULAR BACKFILL	TN	\$18.00	70.0	\$1,260.00
9	GRANULAR SURFACING ON ROAD, CL A	TN	\$30.00	14.0	\$420.00
10	SEEDING AND FERTILIZING (URBAN)	AC	\$1,250.00	0.2	\$250.00
11	MULCHING	AC	\$450.00	0.2	\$90.00
12	SILT FENCE	LF	\$2.00	175.0	\$350.00
13	Misc. Construction Items and Contingencies, 20%				\$8,361.00
14	Design and Construction Engineering Fee, 16%				\$8,026.56
	TOTAL ESTIMATED COST				\$58,200.00

Prepared by  
Clapsaddle-Garber Associates, Inc.  
Ames, Iowa

11/20/2008

# Story City Storm Water Study

Story City, Iowa

Project No. 8638

Engineer's Opinion of Probable Cost

Area No. 3 - Washington Street West of Railroad Tracks

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
1	M-G INTAKE	EA	\$4,600.00	2.0	\$9,200.00
2	M-A STORM MANHOLE	EA	\$2,500.00	1.0	\$2,500.00
3	REMOVAL OF STRUCTURES	EA	\$550.00	2.0	\$1,100.00
4	SEWER PIPE, 2000D STORM, 15" DIA.	LF	\$40.00	45.0	\$1,800.00
5	CULVERT, CORR. METAL ENT. PIPE, 15"	LF	\$24.00	15.0	\$360.00
6	GRANULAR BACKFILL	TN	\$18.00	56.0	\$1,008.00
7	DRIVE SURFACING, CL A CRUSHED	TN	\$18.00	2.0	\$36.00
8	HMA (100,000 ESAL), 3/8 IN. SURFACE	TN	\$225.00	14.0	\$3,150.00
9	PG 58-28 BINDER	TN	\$400.00	1.0	\$400.00
10	SEEDING AND FERTILIZING (URBAN)	AC	\$1,250.00	0.1	\$125.00
11	MULCHING	AC	\$450.00	0.1	\$45.00
12	SILT FENCE	LF	\$2.00	40.0	\$80.00
12	Misc. Construction Items and Contingencies, 20%				\$3,960.80
13	Design and Construction Engineering Fee, 16%				\$3,802.37
	<b>TOTAL ESTIMATED COST</b>				<b>\$27,570.00</b>

Prepared by  
Clapsaddle-Garber Associates, Inc.  
Ames, Iowa

11/7/2008

Story City Storm Water Study					
Story City, Iowa					
Project No. 8638					
Engineer's Opinion of Probable Cost					
Area No. 4 - Broad Street West of Railroad Tracks					
ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	QUANTITY	EST. COST
1	REMOVE STORM SEWER PIPE < 36"	LF	\$14.00	56.0	\$784.00
2	SEWER PIPE, 2000D STORM, 18 IN	LF	\$45.00	56.0	\$2,520.00
3	INTAKE, RA-60	EA	\$2,500.00	1.0	\$2,500.00
4	GRANULAR BACKFILL	TN	\$18.00	32.0	\$576.00
5	EXCAVATION	CY	\$9.00	300.0	\$2,700.00
6	TOPSOIL, STRIP, SALVAGE, AND SPREAD	CY	\$5.00	300.0	\$1,500.00
7	HMA PATCH, FULL DEPTH, BY AREA	SY	\$100.00	16.0	\$1,600.00
8	HMA PATCH, FULL DEPTH, BY COUNT	EA	\$150.00	2.0	\$300.00
9	TRAFFIC CONTROL	LS	\$4,000.00	1.0	\$4,000.00
10	MULCHING	AC	\$450.00	0.1	\$45.00
11	SEEDING AND FERTILIZING (URBAN)	AC	\$1,250.00	0.1	\$125.00
12	SILT FENCE	LF	\$2.00	100.0	\$200.00
13	EASEMENT STORMWATER DETENSION	LS	\$2,000.00	1.0	\$2,000.00
14	Misc. Construction Items and Contingencies, 20%				\$3,770.00
15	Design and Construction Engineering Fee, 16%				\$3,619.20
	<b>TOTAL ESTIMATED COST</b>				<b>\$26,240.00</b>

Prepared by  
Clapsaddle-Garber Associates, Inc.  
Ames, Iowa

11/10/2008

## EXHIBIT 7

# Story City Storm Water Study

Story City, Iowa

Project No. 8638

Engineer's Opinion of Probable Cost

## Area No. 5 - Holm Street Outlet

ITEM NO.	DESCRIPTION	UNIT	PRICE	QTY	AMOUNT
1	CLEAR AND GRUBB	AC	\$2,400.00	0.5	\$1,200.00
2	EXCAVATION, CLASS 13, CHANNEL	CY	\$10.00	300.0	\$3,000.00
3	WOOD EXCESIOR MAT	SQ	\$15.00	175.0	\$2,625.00
4	SEEDING AND FERTILIZER (RURAL)	AC	\$650.00	0.5	\$325.00
5	SILT FENCE	LF	\$2.00	1,746.0	\$3,492.00
6	Misc. Construction Items and Contingencies, 20%				\$2,128.40
7	Design and Construction Engineering Fee, 16%				\$2,043.26
	<b>TOTAL ESTIMATED COST</b>				<b>\$14,820.00</b>

Prepared by  
Clapsaddle-Garber Associates, Inc.  
Ames, Iowa

11/7/2008

## EXHIBIT 7

Story City Storm Water Study					
Story City, Iowa					
Project No. 8638					
Engineer's Opinion of Probable Cost					
Area No. 7 - Edgebrook Drive and Northridge Road					
ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	TOTAL COST
1	REMOVAL OF STRUCTURE	EA	\$550.00	1.0	\$550.00
2	EXCAVATION, CLASS 13	CY	\$10.00	2,100.0	\$21,000.00
3	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	\$5.00	350.0	\$1,750.00
4	SEWER PIPE, 2000D STORM, 18"	LF	\$45.00	10.0	\$450.00
5	APRON, CONCRETE, 18"	EA	\$500.00	1.0	\$500.00
6	SEEDING AND FERTILIZING (URBAN)	AC	\$1,250.00	1.0	\$1,250.00
7	MULCHING	AC	\$450.00	1.0	\$450.00
8	SILT FENCE	LF	\$2.00	250.0	\$500.00
9	STORM WATER EASEMENT PROPERTY	AC	\$15,000.00	1.0	\$15,000.00
10	Misc. Construction Items and Contingencies, 20%				\$8,290.00
11	Design and Construction Engineering Fee, 16%				\$7,958.40
	TOTAL ESTIMATED COST				\$57,700.00

Prepared by  
Clapsaddle-Garber Associates, Inc.  
Ames, Iowa

11/21/2008